

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-247836

(43)Date of publication of application : 14.09.2001

(51)Int.Cl.

C09J201/00

C09J133/00

(21)Application number : 2000-061290

(71)Applicant : DENKI KAGAKU KOGYO KK

(22)Date of filing : 06.03.2000

(72)Inventor : TAGUCHI KOICHI

IWATA KINPEI

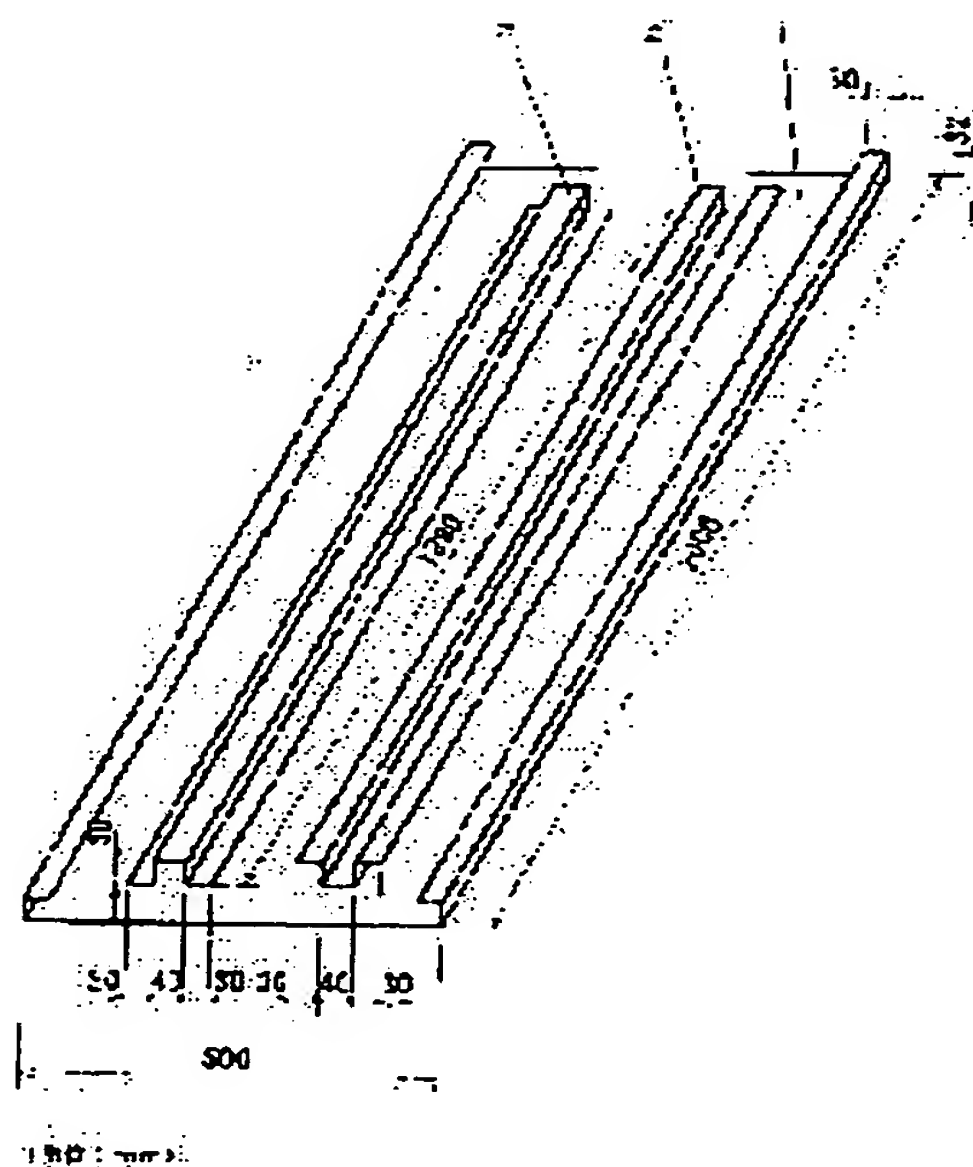
SAKURAI TETSUYA

(54) ADHESIVE COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an adhesive composition which is used in producing a metal panel from a mirror-like metal sheet 1 polished up for designing and can give a metal panel the adhesion distortion of which can not be confirmed.

SOLUTION: This adhesive composition satisfies the condition represented by equation (1): $Y \leq 860X - 0.6$ [wherein X (%) is the cure shrinkage of the adhesive composition; and Y (MPa) is the storage modulus of a cured item of the composition] at 20-25° C and contains a flame retardant.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

JAPANESE [JP,2001-247836,A]

CLAIMS DETAILED DESCRIPTION TECHNICAL FIELD PRIOR ART EFFECT OF THE
INVENTION TECHNICAL PROBLEM MEANS EXAMPLE DESCRIPTION OF DRAWINGS
DRAWINGS

[Translation done.]

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1.This document has been translated by computer. So the translation may not reflect the original precisely.

2.*** shows the word which can not be translated.

3.In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] The adhesives constituent which comes to fill the conditions of the following formula (1) at 20-25 degrees C, and comes to contain a flame retarder when the hardening contraction of an adhesives constituent is set to X (unit:%) and the storage modulus of the hardening field of an adhesives constituent is set to Y (unit:MPa).

Formula (1) $Y \leq 860X - 0.6$ [claim 2] The adhesives constituent which comes to fill the conditions of the following formula (2) at 20-25 degrees C when the hardening contraction of an adhesives constituent is set to X (unit:%) and the storage modulus of the hardening field of an adhesives constituent is set to Y (unit:MPa).

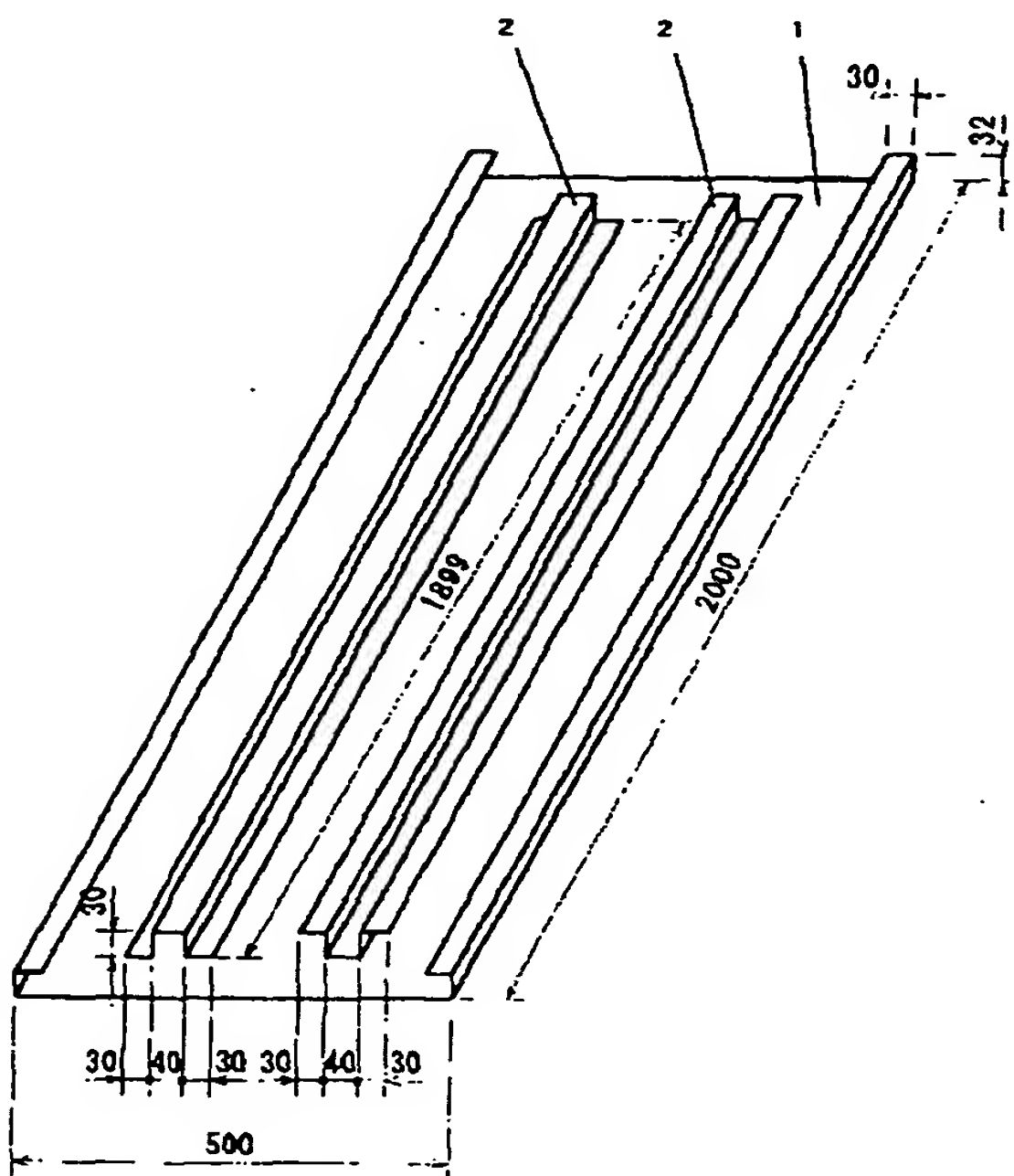
Formula (2) $Y \leq 44X - 1.0$ [claim 3] The adhesives constituent according to claim 1 or 2 whose fixing time is 12 minutes or more.

[Claim 4] An adhesives constituent given [of the claims 1-3 whose adhesives constituents are room-temperature-setting type adhesives constituents] in one term.

[Claim 5] An adhesives constituent given [of the claims 1-4 whose adhesives constituents are acrylic adhesives constituents] in one term.

[Translation done.]

Drawing selection [Representative drawing] ▼



(単位 : mm)

[Translation done.]

本願に先行する関連出願特許データ(1/5)

特許出願 2000- 61290[H12. 3. 6] 請求() 出願種別 (通常)

特開 2001-247836[H13. 9.14]

名称 接着剤組成物

出願人 13-000329 電気化学工業 (株)

発明者 田口 広一,岩田 金平,桜井 哲也

I P C C09J201/00 C09J133/00

代理人 () 他()

優先権 () [] () [] ()

関連種別 () 原出願番号 () 原登録番号 ()

基準日 (出願日) [平 12. 3. 6] 遡及日 [] ()

請求項の数 (005) 権利譲渡／実施許諾 ()

(A63 願書 ,平 12. 3. 6,21000:)

(A967 認定情報,平 12. 3. 8, :)

【整理番号】 A088600

特願2000-61290 (H12. 3. 6)、

特開2001-247836 (H13. 9. 14)

【特許請求の範囲】

【請求項1】 接着剤組成物の硬化収縮率をX（単位：％）とし、接着剤組成物の硬化体の貯蔵弾性率をY（単位：MPa）とした場合に、20～25℃において、下記式（1）の条件を満たしてなり、かつ、難燃剤を含有してなる接着剤組成物。

$$\text{式（1） } Y \leq 860X - 0.6$$

【請求項2】 接着剤組成物の硬化収縮率をX（単位：％）とし、接着剤組成物の硬化体の貯蔵弾性率をY（単位：MPa）とした場合に、20～25℃において、下記式（2）の条件を満たしてなる接着剤組成物。

$$\text{式（2） } Y \leq 44X - 1.0$$

【請求項3】 固着時間が12分以上である請求項1又は2記載の接着剤組成物。

【請求項4】 接着剤組成物が常温硬化型接着剤組成物である請求項1～3のうちの1項記載の接着剤組成物。

【請求項5】 接着剤組成物がアクリル系接着剤組成物である請求項1～4のうちの1項記載の接着剤組成物。

.....